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At some points on the surface there is a dirty white incrustation. This, on examination, proved to be carbonate of lime, and is without doubt due to the deposits from the calcareous soil in which the meteorite was embedded.

The prevailing color of this iron is dark reddish brown, more inclined to red than others of this fall that we have seen.

On cutting a section from the meteorite, and treating the polished surface with nitric acid, the characteristic Wiedmannstaaten markings are visible. The fragments of troilite can be plainly seen on the polished surface. The meteorite has about the same arrangement of iron, olivine, etc., as others of this group. Its specific gravity, as obtained from the whole mass, is 4.79; that of the iron and nickel alloy is 7.70; of the olivine (yellow), 3.64 (water at 25° C). The volume of the entire mass, determined in the process of obtaining its specific gravity, was found to be 20.6 litres.

Professor E. H. S. Bailey of this university is making a thorough analysis of this pallasite, which he will report in detail at the Indianapolis meeting of the American Association for the Advancement of Science. F. H. SNOW.

University of Kansas, Lawrence, Kan., July 9.

A Supposed Footprint in Rock.

IN a field belonging to Mr. J. G. Bemis, in the town of Whitefield, Coos County, N.H., there is a rock of granite upon which is the impression of a man's left foot. It is a naked foot, and has slipped slightly in passing over the rock when in a muddy condition. No one had mentioned this fact to Mr. Bemis when he bought the farm. The rock is like the rest of the rocks in the place, granite. The place is a very solitary one; and probably no one, till Mr. Bemis came, who is a man of much observation, ever observed it.

A sketch made by Professor Grundmann, and specimens of the rock, were shown to Mr. Walter G. Davis, the director of the Meteorological Bureau, Cordoba, South America. He considered it very curious, but, not being a geologist by profession, advised its being brought to notice. The place is two miles north of the village of Whitefield, N.H., not far from The Mountain View House, owned by Mr. W. F. Dodge, and near the estate of the Rev. R. C. Waterston (summer residence). A. W.

BOOK-REVIEWS.

School Supervision. By J. L. PICKARD. (International Education Series.) New York, Appleton. 12°. $1.

THE author of this book has had a long experience as superintendent of education, first in the public schools, and now at the head of a university. He evidently has a natural aptitude for the work; and this, combined with long practice, has enabled him to produce a work on the duties and usefulness of school superintendents which will be very suggestive to those who fill such positions, as well as to educators generally. He maintains in strong terms the importance of good supervision by State, county, and city authorities, and has no difficulty in showing that it has largely promoted the efficiency of the public schools of this country. He devotes comparatively little space to the State and county superintendents, but discusses at length the work of the city superintendent, pointing out its relation to the teachers, the pupils, and the public authorities, with incidental suggestions on every important point. President Pickard fears that the grading and the minute rules for teaching and for the promotion of pupils are making our schools too mechanical, and earnestly advocates leaving greater freedom to both teacher and pupil. The methods of examination, too, he thinks require amendment, so that the examination shall test the pupil's judgment rather than his memory. He favors moral and religious instruction in the public schools, notwithstanding the difficulties arising from the conflicting views of the various religious sects. His mode of presenting his thought is somewhat marred by a too free use of metaphorical

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illustration, and his subject is one that cannot be made exactly entertaining; but all who are interested in the practical working of our public-school system will like to read his book.

AMONG THE PUBLISHERS.

THE Alvarenga prize of the College of Physicians of Philadelphia, consisting of one year's income of the bequest of the late Señor Alvarenga of Lisbon, has been awarded to Dr. R. W. Philip of the Victoria Dispensary for Consumption and Diseases of the Chest, Edinburgh, for his essay on pulmonary tuberculosis, which will be published by the college.

— Harper & Brothers have just ready "The Aztec Treasure House," by Thomas Janvier, who, in the form of romance, gives the result of many years of unremitting labor, and furnishes reliable facts regarding Yucatan and Mexico, put together with his special knack at artistic color in word-painting.

—In consequence of his having been appointed sole agent in America for the Religious Tract Society's publications, Fleming H. Revell announces the following periodicals published by the society: *The Leisure Hour, The Sunday at Home, The Boy's Own Paper, The Girl's Own Paper.*

—"A Story of Damon and Pythias," by A. Cressy Morrison, has been issued by the Pabst Brewing Company, Milwaukee, Wis. This little book will interest many of our readers, especially as it is illustrated with a half-dozen views, admirably reproduced, of scenes on the Island of Sicily. Doubtless copies can be had on application to the publishers.

—D. C. Heath & Co., Boston, will add to their series of German texts in a few days, "Selections from Heine's Poems," edited, with an introduction and notes, by Horatio S. White, professor of the German language and literature in Cornell University. This volume will embrace selections not only from the more familiar "Buch der Lieder," but also from Heine's later and posthumous poems, an examination of which is essential to complete the picture of his matured genius.

—We learn from *Nature* of July 3 that Messrs. Mawson, Swan, & Morgan propose to issue a lithographed facsimile of an old manuscript volume of apothecaries' lore and household recipes, which was discovered some years ago among the papers belonging to the old firm of Gilpin & Co., chemists, Pilgrim Street, Newcastle. Careful examination, in which some of the curators of the British Museum have assisted, shows that the manuscript dates from about the time of Queen Elizabeth, additions having been made from time to time, in various handwritings, up to the middle of last century.

—Messrs. Macmillan & Co. have nearly ready for publication two works of great interest to students of ornithology, both of American origin. The first is a treatise on the "Myology of the Raven," intended as an introduction to the study of the muscular system in birds, by Dr. R. W. Shufeldt of the Smithsonian Institution. The second is a revised re-issue, in one volume of convenient size, of the very valuable monographs on field ornithology and on general ornithology, which were prefixed to Dr. Elliott Coues's monumental "Key to North American Birds." Part I., on field ornithology, contains the necessary instructions for the observation and collection of birds in the field, and for the preparation and preservation of specimens for scientific study. Part II. is a technical treatise on the classification, the zoölogical characters, and the anatomical structure of the class of birds, in which the examples cited in illustration of the principles of ornithology have for the most part been re-drawn by the author from British instead of American birds.

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Sufferers from Catarrhal troubles should carefully read the above.

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